

INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN03/00632

A. CLASSIFICATION OF SUBJECT MATTER

IPC7 H04L12/28

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 H04L12/28 H04L9/32 H04L9/14

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI, EPODOC, PAJ, CNPAT

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	CN,A,1249587(LUCENT TECHNOLOGIES INC)5.April 2000, see the whole document ,figure 3	1-21
A	CN,A,1316147(SAMSUNG ELECTRONICS CO LTD)3.October 2001, see the whole document ,figure 3	1-21
A	US,B1, 6229806 (MOTOROLA INC)8.May 2001, see the whole document ,figure 1、2	1-21
A	WO,A1,0209345(GEMPLUS)1.January 2002, see the whole document	1-21
A	EP,A2,1098489(NOKIA CORP)9.May 2001, see the whole document ,figure 4、6	1-21
A	JP,A,2001285956(TOSHIBA CORP)12. October 2001, see the whole document ,figure 1、8	1-21

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent but published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim (S) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search
18. Sep. 2003 (18.09.03)

Date of mailing of the international search report

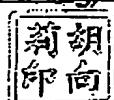
23.OCT.2003 (23.10.03)

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Form PCT/ISA/210 (continuation of Second sheet (2)) (July 1998)

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No. PCT/CN03/00632	
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Patent document Cited in search report	Publication date	Patent family member(s)	Publication date
CN1249587A	05.04.00	KR2000012072A BR9902804A JP2000106553A EP0998095A TW429721B	25.02.00 28.03.00 11.04.00 03.05.00 11.04.01
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WO2009345A	31.01.02	FR2812509A1 AU7853901A EP1307994A1	01.02.02 05.02.02 07.05.03
EP1098489A2	09.05.01	JP2001204055A	27.07.01
JP2001285956A	12.10.01	JP2003101780A	04.04.03

Form PCT/ISA/210 (patent family annex) (July 1998)